

### NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 9/29/03 are:

- A ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152  
(b) ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a) Acceptable

categories of drawings: Black ink on

Color (3 sets required)

Color drawings are not acceptable until permission is

printed. Fig(s)

Pencil and non black ink are permitted. Fig(s)

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)

One (1) full-size set is required. Fig(s)

Photographs may not be mounted. 37 CFR 1.84(c)

Photographs must meet paper size requirements of

37 CFR 1.84(f). Fig(s)

Poor quality (faded) Fig(s)

**3. TYPE OF PAPER.** 37 CFR 1.84(c)

Paper not flexible, strong, white, and durable.

Fig(s)

Fractures, alterations, overwritings, interlineations,

fold, copy machine marks not accepted.

Fig(s)

**4. SIZE OF PAPER.** 37 CFR 1.84(f) Acceptable

sizes:

21.0 cm by 29.7 cm (8 1/2" by 11")

21.6 cm by 27.9 cm (8 5/8" by 11")

All drawing sheets not the same size.

Fig(s)

Drawings sheets not an acceptable size. Fig(s)

**5. MARGINS.** 37 CFR 1.84(g) Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

Margins not acceptable. Fig(s)

Top (T)

Left (L)

Right (R)

Bottom (B)

**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to

correspond to drawing changes, e.g., if Fig. 1 is

changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the

specification, as the Brief Description of the Drawings,

must likewise be changed.

Views not labeled separately or properly.

Fig(s)

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

Sectional designation should be noted with:

Arabic or Roman numbers. Fig(s)

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

Views do not appear on a horizontal left-to-right

facsimile when page is either upright or turned so

that the top becomes the right side, except for

graphs. Fig(s)

**9. SCALE.** 37 CFR 1.84(j)

Scale not large enough to show mechanism

without crowding when drawing is reduced in

size to two-thirds in reproduction.

Fig(s)

**10. CHARACTER OF LINES, NUMBERS, &**

**LETTERS.** 37 CFR 1.84(k)

Lines, numbers & letters not uniformly thick and

well defined, clean, durable and black (poor line

quality). Fig(s)

**11. SHADING.** 37 CFR 1.84(m)

Solid black areas/pale. Fig(s)

Solid black shading not permitted. Fig(s)

**12. NUMBERS, LETTERS, & REFERENCE**

**CHARACTERS.** 37 CFR 1.84(p)

Numbers and reference characters not plain and

legible. Fig(s)

Figure legends are poor. Fig(s)

Numbers and reference characters not oriented in

the same direction as the view. 37 CFR 1.84(p)(1)

Fig(s)

English alphabet not used. 37 CFR 1.84(p)(2)

Fig(s)

Numbers, letters and reference characters must be

at least 5/32 cm (1/8 mm) in height. 37 CFR

1.84(p)(3). Fig(s)

**13. LEAD LINES.** 37 CFR 1.84(q)

Lead lines missing. Fig(s)

**14. NUMBERING OF SHEETS OF DRAWINGS.**

37 CFR 1.84(r)

Sheets not numbered consecutively, and in Arabic

numbers beginning with number 1. Sheet(s)

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)

Views not numbered consecutively, and in Arabic

numerals, beginning with number 1. Fig(s)

**16. DESIGN DRAWINGS.** 37 CFR 1.152

Surface shading shown not appropriate.

Fig(s)

Solid black surface shading is not permitted except

when used to represent the color black as well as

color contrast. Fig(s)

**COMMENTS:**

Reviewer A.D.  
If you have questions, call (703) 305-8404

Date 9/28/04  
Attachment to Paper No. 09/28/04